

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: SONZOGNI, Stefano

SERIAL NO.:

FILED: Herewith

TITLE: BORING UNIT FOR COMPLEX PARTS, PARTICULARLY FOR DOOR HANDLES,
WITH DIFFERENTIAL CONTROL SYSTEMS

PRELIMINARY AMENDMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

In conjunction with the filing of the present application, and prior to an initial Official Action on this matter, please amend the above-identified application as follows:

Preliminary Amendment: SPECIFICATION AMENDMENTS

In Paragraph [0018], please amend the paragraph as follows:

Figure 1 is a sectional view of the boring unit of the present invention.

In Paragraph [0019], please amend the paragraph as follows:

Figure 2 is a detailed sectional view of the boring unit of the present invention.

IN THE ABSTRACT

On page 10, in the Abstract, please amend the paragraph as follows:

The invention is a new boring unit for complex parts, ~~comprising~~ including a fixing pin(A), suitable for holding the piece-(O) in its hole, and two concentric cylinders-(Ci, Ce) coaxial with ~~said the~~ pin (A) that are set rotating in the same direction by two electric motors-(Mi, Me). The inner cylinder (Ci) is provided, at its end facing the grip-(Ae) of the pin-(A), with a conical toothing-(Cie), and the outer cylinder-(Ce) is provided, at its end facing the grip-(Ae) of the pin-(A), with a tool-holder-(P) with radial translation mechanisms-(Pm) of the tools-(U) and a bevel gear wheel-(Pie) meshing with the conical toothing-(Cie) of the inner cylinder-(Ci) and connected with the radial translation mechanism-(Pm) of the tools-(U). The radial translation of the tools-(U) is obtained by rotating ~~said the~~ cylinders (Ci, Ce) at different speeds by means of the electric motors-(Mi, Me), that is, by generating a relative motion between them.